PTO/SB/05 (4-98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b).

Attorney Docket No. SD8287.2

First Inventor or Application Identifier **MORALES**

METHOD FOR PROVIDING AN ARBITRARY THREE + DIMENSIONAL MICROSTRUCTURE IN SILICON USING AN ANISOTROPIC DEEP ETCH

Express Mail Label No.

EL177882097US

		CATION ELEMENT		ADDRE	ADDRESS TO: Box Patent Application Assistant Commissioner for Patents					
See MPEP chapter 600 concerning utility patent application contents.				11 / 100/11		ashington, [
	ee Transn	nittal Form (e.g., PTO/SI	3/17)	- }├──						
1 7 1	Submit an original and duplicate for fee processing)			5.	5. Microfiche Computer Program (Appendix)					
	<i>,</i>			6. Nu	Nucleotide and/or Amino Acid Sequence Submission					
2. X Sn	ecification	n [Total Page	s 21 1		(if applicable, all necessary)					
		rangement set forth below								
		title of the Invention	,	a	Computer F	Readable Co	py			
- C	Cross Refe	erences to Related Appli	cations	│ . ┌	Dance Com	. /:				
- S	Statement	Regarding Fed sponsor	ed R & D	b	Paper Copy	(identical to	computer copy)			
- R	Reference	to Microfiche Appendix		Chalamant writing identity of all and a						
- B	Backgroun	d of the Invention		C	c. Statement verifying identity of above copies					
	-	nary of the Invention			ACCOMPANYING APPLICATION PARTS					
		ription of the Drawings (i	f filed)							
	- Detailed Description				7. Assignment Papers (cover sheet & document(s))					
	·				37 C.F.R. § 3.73(b) Statement					
	- Claim(s)				8. (when there is an assignee)					
- Abstract of the Disclosure					English Translation Document Power of					
				9						
abla					Information Disclosure					
3 Dr	rawing(s)	(35 U.S.C. 113) [Total Shee	ets [5]]	10						
	-4h D	desetion (T. 4.4.0)	5 1,				Copies of IDS			
4. Oath or Declaration [Total Pages 2] 11. Preliminary Amendment Copies of IDS Citations										
1 1	Newly exe	cuted (original or copy)	-1 \sim	Return Receipt Postcard (MPEP 503)						
a				12.	(Should be spe	citically item	ized)			
		a prior application (37 C.I		13.	*Small Entity Statement filed in prior application, Status still proper and desired					
· / / / / / / / / / / / / / / / / / / /					(PTO/SB/09/12)					
DELETION OF INVENTOR(S) Signed statement attaced deleting					Certified Copy of Priority Document(s)					
inventor(s) named in the prior application,				14	14. (if foreign priority is claimed)					
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).										
				15	15. Other:					
*NOTE FOR ITE	MS 1 & 13: IN C	ORDER TO BE ENTITLED TO PAY SM	ALL ENTITY		·					
FEES, A SMALL ONE FILED IN A	ENTITY STATE	ORDER TO BE ENTITLED TO PAY SM EMENT IS REQUIRED (37 C.F.R. § 1.2 CATION IS RELIED UPON (37 C.F.R. ;	27), EXCEPT IF § 1.28).							
				<u> </u>						
		APPLICATION, check ap Divisional Continua								
	_	mation: Examiner BARR		or pric	or application No.: Group / Art		 			
For CONTINUA	ATION or D	IVISIONAL APPS only: TI	ne entire disclos	ure of the prior	application, from	m which an o	path or declaration is supplied			
under Box 4b.	is conside	red a part of the disclosur	re of the accom	anving continu	iation or division	nal application	n and is hereby incorporated by			
reterence. The	e incorpora	ation can only be relied up	17. COORES			ted from the	submitted application parts.			
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Timothy Evans										
Name	MS 903		·				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
4-1-1	Sandia	Sandia National Laboratories								
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Name (Print/Type) Timothy P. Evans		2 - 1	-	(Attorney/Agent)		3/18/2004				
Signature	This	Jun 1	- 770	41,	U13	Date	0/18/2004			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon time heads of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief phromation Officer. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FILES OR COMPLETED FORMS TO THIS ADDRESS. SEND FO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL	Complete if Known							
I LE INAMONIII IAL	Application Number				NOT ASSIGNED			
FOR FY 2003	Filing Date			03/18/04				
	First Named Inventor				MORALES			
Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement,	Examiner Name				NOT ASSIGNED			
Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.	Group / Art Unit				NOT ASSIGNED			
TOTAL AMOUNT OF PAYMENT (\$)770.00	Attorney Docket No.				SD-8287.2			
METHOD OF PAYMENT (check one) FE	E CALC	ΙΙΙ ΔΤ	ION	(conti	nued)			
	ADDITION			(contin	ilaca)			
1. indicated fees and credit any over payments to:		Small Fee	Entity Fee			Fee		
Deposit Account Number 50-0583	le (\$)	Code	(\$)		Fee Description	Paid		
Deposit Account 105		2051 2052	65 25	-	Surcharge – late filing fee or oath Surcharge – late provisional filing fee or cover			
Name SNL by KCO	2 30	2032	25	sheet				
Charge Any Additional	3 130	1053	130	Non-Eng	Non-English specification			
Fee Required Under 37 CFR 1.16 and 1.17	2 2,520	1812	2,520	For filing	For filing a request for reexamination			
2. Payment Enclosed:	4 920*	1804	920*		Requesting publication of SIR prior to Examiner action			
Check Money Order Other	5 1,840	1805	1,840		ing publication of SIR after Examiner			
FEE CALCULATION 125	1 110	2251	55	 Extensio	tension for reply within first month			
1. BASIC FILING FEE 125.	2 400	2252	200	Extensio	n for reply within second month			
Large Entity Small Entity	3 920	2253	460	Extensio	n for reply within third month			
Fee Fee Fee Fee Description Fee Code (\$) Code (\$) Paid 125	4 1,440	2254	720	Extensio	n for reply within fourth month			
1001 740 2001 370 Utility filing fee 770. 125.	5 1,960	2255	980	Extensio	n for reply within fifth month			
1002 330 2002 165 Design filing fee 140	1 320	2401	160	Notice of	Appeal			
1003 510 2003 225 Plant filing fee 140	2 320	2402	160	Filing a b	orief in support of an appeal			
1004 740 2004 380 Reissue filing fee 140	3 280	2403	140	Request	for oral hearing			
1005 160 2005 80 Provisional filing fee 145	1 1,510	138	1,510	Petition t	o institute a public use proceeding			
145.	2 110	2452	55	Petition t	ition to revive - unavoidable			
SUBTOTAL (1) \$ 770.00 145	3 1,280	2453	640	Petition t	tition to revive - unintentional			
2. EXTRA CLAIM FEES	1 1,280	2501	640	Utility iss	issue fee (or reissue)			
150	2 460	2502	230	Design is	ssue fee			
Extra Claims Req. Fee Fee Paid 150	3 620	2503	310	Plant iss	ue fee			
Total Claims 6 -20**= 0 X 18. = 0 146	0 130	1460	130	Petitions	to the Commissioner			
Independent 1 - 3**= 0 X 84. = 0 180	7 50	1807	50	Petitions	related to provisional applications			
Multiple Dependent 0 = 0. 180	6 180	1806	180	Submiss	ion of Information Disclosure Stmt			
**or number previously paid, if greater, For Reissues, see below.	1 40	8021	40		g each patent assignment per property umber of properties)			
Large Entity Small Entity Fee Fee Fee Fee Fee Description 180 Code (\$) Code (\$)	9 740	2809	370		submission after final refection 1.129(a))			
1201 84 2202 42 Independent claims in excess of 3	740	2810	370		additional invention to be examined			
1202 18 2201 9 Claims in excess of 20 1203 280 204 140 Multiple dependent claim, if not paid	045-		: £ .	(37 CFR	1.129(b))			
1204 84 2204 42 **Reissue independent claims		er fee (sp	•					
over original patent	Othe	er fee (sp	ecity)					
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							
	<u></u>							
SUBTOTAL (2) (\$)0.00								
SUBMITTED BY		Complete (if applicable)						
Name (Printed/Typed) Timothy P. Evans		Reg. Number 41,013 Telephone (925) 294-369 (Attorney/Agent)						
Signature Lund		Date	10		2004			

WARNING:

Signature

In re: MORALES, et al.

Attorney Docket SD-8287.2

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U. S. Postal Service on March 19, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL177882097US, addressed to:

Mail Stop Patent Application Commissioner for Patents Alexandria, VA 22313-1405

Date of Deposit: 3-19-04

Person Making Deposit

Express Mailing Label No. EL177882097US

Attachments:

Preliminary Amendment including: PTO SB/05 Transmittal Letter PTO SB17 Fee Transmittal / Copy Return Receipt Postcard